PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Fumiyoshi KIRINO et al.

Divisional of Application No.: 09/959,855

Filed: February 26, 2004

Docket No.: 111072.01

For: MAGNETIC RECORDING MEDIUM, METHOD FOR PRODUCING THE SAME, AND MAGNETIC RECORDING APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

3. The reference(s) was/were cited by or submitted to the Office in parent application No. 09/959,855, filed November 9, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Mark R. Woodall

Registration No. 43,286

JAO:MRW/kzb

Date: February 26, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
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(Use several sheets if necessary)				APPLICANTS Fumiyoshi KIRINO et al.						
				FILING DATE February 26, 2004						
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAMI	Е		CLASS	SUB CLASS	
	1	5,846,648	12/08/1998		Chen et al.			428	322	
	2	4,652,499	03/24/1987		Howard			428	641	
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE		COUNTI	COUNTRY		CLASS	SUB CLASS	
	3	JP A 10-302242	11/1	13/1998	JAPAN					
	4	JP A 10-241939	09/11/1998		JAPAN					
	5	JP A 2000-200410	07/18/2000		JAPAN					
-	6	WO 99/40575	08/1	12/1999	WIPO					
	7	JP A 2000-149201	05/3	30/2000	JAPAN					
	8	JP A 9-282632	10/3	31/1997	JAPAN					
	9	JP A 10-134334	05/2	22/1998	JAPAN					
	10	JP A 11-149628	06/0)2/1999	JAPAN				, <u>-</u>	
	11	JP A 10-96076	04/1	14/1998	JAPAN					
	12	JP A 6-84168	03/2	25/1994	JAPAN					
	13	JP A 5-334670	12/1	17/1993	JAPAN					
	14	JP A 6-267053	09/2	22/1994	JAPAN					
	15	JP B2 2704957	10/0)9/1997	JAPAN				· -	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)										
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DOCUMENT NUMBER DATE NAME CLASS SUB		·								
INITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS 2002/0197516 A1 08-2002 Kirino et al. 428 694.0TS 2002/0197516 A1 12-2002 Kirino et al. 428 694.0TS 2001/0053458 A1 12-2001 Suzuki et al. 428 611 6,534,206 B1 03-2003 Kirino et al. 428 694SC 6,472,047 B1 10-2002 Kirino et al. 428 141 6,410,133 B1 06-2002 Kirino et al. 428 336 5,599,632 02-1997 Cheng et al. 428 457 6,6231,968 B1 05-2001 Hiramoto et al. 428 332 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	U.S. PATENT DOCUMENTS									
2002/0197516 A1 12-2002 Kirino et al. 428 694.0TS				ATE	NAME			CLASS		
2001/0053458 A1 12-2001 Suzuki et al. 428 611 6,534,206 B1 03-2003 Kirino et al. 428 694SC 6,472,047 B1 10-2002 Kirino et al. 428 141 6,410,133 B1 06-2002 Kirino et al. 428 336 5,599,632 02-1997 Cheng et al. 428 332 6,231,968 B1 05-2001 Hiramoto et al. 428 332 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS CLASS CLASS CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED		2002/0110707 A1	08-20	002	Kirino et al.			428	694.0TS	
6.534,206 B1 03-2003 Kirino et al. 428 694SC 6.472,047 B1 10-2002 Kirino et al. 428 141 6.410,133 B1 06-2002 Kirino et al. 428 336 5.599,632 02-1997 Cheng et al. 428 457 6.231,968 B1 05-2001 Hiramoto et al. 428 332 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS CLASS CLASS CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED		2002/0197516 A1	12-20	002	Kirino et al.			428	694.0TS	
6,472,047 B1		2001/0053458 A1	12-20	001	Suzuki et al.			428	611	
6,410,133 B1 06-2002 Kirino et al. 428 336 5,599,632 02-1997 Cheng et al. 428 457 6,231,968 B1 05-2001 Hiramoto et al. 428 332 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS CLASS CLASS CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED		 		003				428	694SC	
S,599,632 02-1997 Cheng et al. 428 457				002				428	141	
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS	31113	6,410,133 B1	06-20	002	Kirino et al.			428	336	
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED		5,599,632	02-19	997	Cheng et al.			428	457	
DOCUMENT NUMBER DATE COUNTY CLASS SUB CLASS		6,231,968 B1	05-20	001	Hiramoto et al.			428	332	
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